

09/9892110

NUBR-1122

**IN THE SPECIFICATION**

Par. [0054], please amend as follows:

For example, in the case of MMP 2 and MMP 9, octapeptides (P4-P4) have been identified, which octapeptides simulate the cleavage sequence of the collagen chain and are cleaved particularly efficiently by MMP 2 and 9:

**Peptide**

P<sub>4</sub> P<sub>3</sub> P<sub>2</sub> P<sub>1</sub> P'<sub>1</sub> P'<sub>2</sub> P'<sub>3</sub> P'<sub>4</sub>

Gly-Pro-Leu-Gly-Ile-Ala-Gly-Gln (SEQ ID NO:1)

Gly-Pro-Gln-Gly-Ile-Trp-Gly-Gln (SEQ ID NO:2)

Paragraph [0055], please amend as follows:

Furthermore, substrate-specific dipeptides having the sequence -Arg-Arg- (SEQ ID NO: 3), -Phe-Lys- (SEQ ID NO: 4), Gly-Phe-Leu-Gly (SEQ ID NO: 5), Gly-Phe-Ala-Leu (SEQ ID NO: 6), and Ala-Leu-Ala-Leu (SEQ ID NO: 7) are known in the case of cathepsin B (Werle, B., Ebert, E., Klein, W., Spiess, E. (1995), *Biol. Chem. Hoppe-Seyler* 376, 157-164; Ulrich, B., Spiess, E., Schwartz-Albiez, R., Ebert, W. (1995), *Biol. Chem. Hoppe-Seyler* 376, 404-414.

Paragraph [0056], please amend as follows:

The peptide sequence which contains the expected peptide cleavage site which is relevant for the target enzyme can also be constructed such that the expected peptide cleavage site is repeated several times, for example by means of:

-Gly-Pro-Leu-Gly-Ile-Ala-Gly-Gln-Gly-Pro-Leu-Gly-Ile-Ala-Gly-Gln (SEQ ID NO: 8)

or

Phe-Lys-Phe-Lys-Phe-Lys-Phe-Lys-Phe-Lys-Phe-Lys (SEQ ID NO:9)